

Weekly Report

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Work has been done

1. I read a paper which is written by Predictive Technology Laboratory @ University of Virginia, *Predicting crime using Twitter and kernel density estimation*. It also describes one way to predict potential crimes, but in a way different from what we do. Since it uses data collected from Twitter, it needs skills in tokenizing and some other text mining techniques. It may not of great help to our Gong'an Data project. But still I think it's useful in my future work, and may be valuable in EaseNet Game project.

2. I had been preparing for the SRTP mid-term checkout. It cost me some time to read more theoretical knowledge about B-spline and the modifying of B-spline spline under certain geometrical constraint.

3. I have been working on the layout of one website, which is our homework of my major course 'ASP.NET Techniques and Its Applications'. The original website offered by our teacher is too ugly so I tried to change its style. Unfortunately I didn't learn about the js or css systematically, and I spent much much time on revising the layout of the website. Now I gained some skills in changing the css style of website.

4. I started to learn Hadoop, using Java as manipulate language. It's not easy to build the environment of Hadoop, and still in processing.

Work to be done

1. I didn't put much time in Gong'an data project, so as Lin. We will communicate further for this next week.

2. Try to use hadoop to do something under the direction of guide-book and XueZhang.

3. Chap 7,8 of Statistical Learning is not easy to proceed, but these techniques are widely used since I have seen their applications in so many papers. I will finish reading them as soon as possible.